



POLARIS®
INDUSTRIES INC.



August 21, 2015

National Highway Traffic Safety Administration
1200 New Jersey Avenue SE
Washington DC 20590
Attention: VIN Coordinator

Re: 49 CFR 565 VIN Deciphering Information
U.S. Low Speed Vehicles – MY2016 and greater

Dear VIN Coordinator,

This letter amends previous notifications to the National Highway Traffic Safety Administration from Polaris Industries Inc. (Polaris) concerning the VIN structure of U.S. electric low speed vehicles (LSVs). This new VIN structure applies to all Model Year 2016 and greater LSVs produced by Polaris beginning in 2015.

The following makes and types of vehicles that meet the low speed vehicle requirements of 49 CFR 571.500 will be produced by Polaris:

<u>Make</u>	<u>Model</u>	<u>Type</u>	<u>WMI</u>
Polaris	GEM e2	Electric Low Speed Vehicle	52C
Polaris	GEM e4	Electric Low Speed Vehicle	52C
Polaris	GEM e4S	Electric Low Speed Vehicle	52C
Polaris	GEM e6	Electric Low Speed Vehicle	52C
Polaris	GEM eS	Electric Low Speed Vehicle	52C
Polaris	GEM e2	Electric Low Speed Vehicle	52C
Polaris	GEM eL	Electric Low Speed Vehicle	52C
Polaris	GEM eL-XD	Electric Low Speed Vehicle	52C
Polaris	GEM eM1400 LSV	Electric Low Speed Vehicle	52C

Attachment 1 provides the information necessary to decipher the characters contained in the VINs that will be used for the subject vehicles.

Please call me at (651) 408-6610 or contact me via email if you have any questions regarding this submittal.

Sincerely,

Zach McNeil
Regulatory Engineer
Polaris Industries Inc.
(651) 408-6610
zach.mcneil@polaris.com

**Attachment 1:
VIN Decoding System for GEM**

Polaris Brand Low Speed Vehicles Model Year 2014 and Greater																
1	2	3	4	5	6	7 *	8 *	9	10	11	12	13	14	15	16	17
WMI Assigned to Pol by SAE			Model (All models have the make Polaris)	Body Type (Seating)	Body Type (Cargo)	Engine Type, Brake System, Restraint System Type, GVWR * Attributes Decipherable from Digits 7-8 as Detailed Below		Check Digit	Model Year	Plant of Manufacture	Sequential Production Number					
5	2	C	G = GEM U = Asphalt	2 = 2 Passenger 4 = 4 Passenger 6 = 6 Passenger	A = Standard S = Short Bed D = Heavy Duty Long Bed L = Long Bed	G A A F		Number generated through mathematical formula in 49 CFR 565.15 (c)	F = 2015	0, 2, 3 or 4 = Spirit Lake, IA	Sequential Production Number assigned by Manufacturer					
									G = 2016							
									H = 2017							

Digit 7 & 8 (Layout)	GA	AF
Make	GEM	GEM
Engine Type (Motor)	AC Electric, 48 Volt	AC Induction, 48 Volt
Front Brake System	Hydraulic Disc	Hydraulic Disc
Rear Brake System	Hydraulic Drum	Hydraulic Disk
Restraint System Type	3 Point Inertia	3 Point Inertia
GVWR Class	A	A